REMARKS/ARGUMENTS

The Applicant would like to acknowledge, with thanks, the Office Action mailed on March 21, 2006. This Amendment is responsive to the Office Action Mailed March 21, 2006. Accordingly, claims 1, 13 and 25 have been amended. The subject matter of an identifying connector automatically identifying a communications standard for the second section and the a processor executing differently based on communication standard identified is not new matter as it is disclosed in the original specification from page 11 line 18 to page 12 line 12.

REJECTIONS UNDER 35 U.S.C. § 103

Claims 1, 2, 4, 6, 7, 9-11, 13, 14, 16, 18, 19 and 21-24 stand rejected as being obvious based on the combination of U.S. Patent No. 6,895,255 to Bridgelall (*hereinafter* Bridgelall) and U.S. Patent No. 6,266,017 to Aldous (*hereinafter* Aldous). Claims 12-25-32 stand rejected as being obvious based on the combination of Aldous and Bridgelall. For reasons that will now be set forth, claims 1, 2, 4, 6, 7, 9-14, 16, 18, 19 and 21-32 as they now stand are not obvious in view of Bridgelall or Aldous, when taken alone or in combination.

Independent claims 1, 13 and 25, as currently amended recite a communications module comprised of two sections. The first section is a digital section and the second section an RF section. The second section may be detached from the first section and a third section, also an RF section can be coupled to the first section. An identifying connection on the connector between the first section and second (or third) sections automatically identifies the communication standard for use with the appropriate section (second or third) coupled to the first section. The first section has a processor (or firmware, processing means, etc.) that executes differently depending upon which section (second or third) is coupled to the first section.

By contrast, Bridgelall discloses a dual mode wireless data communication unit that (referring to Figure 1) comprises RF modules 12 and 14 coupled to communications processing module 16 and digital module 18. The processing module in Bridgelall would be comparable to a physical layer processor (PHY) described in the present application. Thus, Bridgelall actually described one section that has both RF modules and part of the digital module in one section, and the rest of the digital module in the second section. Claims 1, 12

and 25 recite that the RF (second or third) section is coupled to the first (digital) section via an identifying connector and a processor on the first section executes differently depending on the section coupled to the first section, whereas Bridgelall actually has multiple processors coupled to multiple RF units.

An aspect of the present invention as recited in claims 1, 13 and 25 is that the second section is detachable from the first section and a third section with different communication properties can be attached to the first section. An advantage of this as described in the original specification is that this system reduces power consumption by not providing power to the unused RF module (see page 5, lines 10-13 and page 12, lines 16-18).

The aforementioned deficiency is Bridgelall is not remedied by any teaching in Aldous. Aldous discloses a structure that allows various detachable antenna sections with some or all RF circuitry to be attached to a housing (see col. 12, lines 5-43). However, nowhere does Aldous teach or suggest that an identifying connector is used to couple the various detachable antenna sections to the housing to identify the appropriate communication standard for the detachable antenna section wherein a processor in the housing executes differently depending on which detachable antenna section is coupled to the housing.

Thus, neither Bridgelall nor Aldous, alone or in combination, teach or suggest a mating connector for coupling the first section to one of the group consisting of a second section and a third section, where the mating connector comprises an identifying connector to automatically identify the communications standard for use with the section coupled to the first section, and wherein the firmware will execute differently when coupled to the second section than when connected to the third section.

Claims 2, 4, 6, 7, 9-12 are dependent from claim 1 and thus contain each and every element of claim 1. Claims 14, 16, 18, 19 and 21-24 are dependent from claim 13 and therefore contain each and every element of claim 13. Claims 26-32 are dependent from claim 25 and therefore contain each and every element of claim 25. Therefore, for the reasons already set forth for claims 1, 13 and 25, claims 2, 4, 6, 7, 9-12, 14, 16, 18, 19 and 21-24 and 26-32 are also not obvious in view of Bridgelall and/or Aldous.
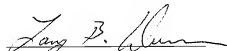
CONCLUSION

For the reasons that have just set forth, the claims as now standing are not obvious in view of the prior art cited by the Examiner and a Notice of Allowance is earnestly solicited. The Examiner is invited to contact the undersigned if there are any other issues to be resolved. If there are any fees necessitated by the foregoing communication, please charge such fees to our Deposit Account No. 50-0902, referencing our Docket No. 72255/11265.

Respectfully submitted,
TUCKER ELLIS & WEST LLP

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Larry B. Donovan
Reg. No. 47,230
1150 Huntington Bldg.
925 Euclid Avenue
Cleveland, Ohio 44115-1475
Customer No.: 23380
Tel.: (216) 696-3864
Fax: (216) 592-5009